

WHAT IS CLAIMED IS:

1. An information processing system comprising:

Sub 4/13
an information providing medium capable of reading information in an electromagnetic or optical manner, the information providing medium being attached to an entity in order to provide information associated with the entity;

a hand held terminal device with its information read function for reading said information from said information providing medium in an electromagnetic or optical manner and recording the information therein; and

an information processing unit for reading said information from said hand held terminal device and processing the information therein.

2. An information processing system as claimed in claim 1, wherein the information is read from said hand held terminal device, and is processed into audible type.

- Sub 4/13*
3. An information processing system as claimed in claim 1, wherein said information processing unit is adopted to discriminate whether the information read from said hand held terminal device is genuineness or counterfeit.

4. An information processing system as claimed in claim 1, wherein said information providing medium comprises a film

shaped substrate, an IC chip provided at said substrate in order to store information associated with said entity, and an antenna body connected to said IC chip.

5. An information processing system as claimed in claim 1, wherein said hand held terminal device comprises at least an antenna body for being coupled with said information providing medium in an electromagnetic manner, information read means for reading information associated with said entity from said antenna body, and non-volatile storage means for storing said information read from said information read means.

6. An information processing system as claimed in claim 1, wherein said hand held terminal device is made close to said information providing medium, thereby reading information from said information providing medium in an electromagnetic or optical manner.

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7. An information processing system as claimed in claim 1, wherein said hand held terminal device is at least a hand held cellular phone having its information read function

8. A hand held cellular phone for reading information from an information providing medium attached to an entity, said hand

Sub 475
held cellular phone comprising:

a telephone function;

information read means for reading information associated with said entity from said information providing medium; and

non-volatile storage means for storing information read from said information read means.

9. A hand held cellular phone as claimed in claim 8, wherein said information read means comprises an antenna body to be coupled with said information providing medium in an electromagnetic manner, and reads information associated with said entity from said antenna body.

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10. An information processing method comprising:

attaching an information providing medium capable of reading information in an electromagnetic or optical manner to an article or material, the information providing medium providing information associated with the article or material; and

reading said information from said information providing medium in an electromagnetic or optical manner and recording the information, followed by reading and processing said recorded information.

11. An information processing method as claimed in claim 10, wherein there is used a hand held terminal device comprising: at least an antenna body coupled with said information providing medium in an electromagnetic manner; information read means for reading information associated with an entity from said antenna body; and non-volatile storage means for storing said information read from said information read means.

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~~12. An information processing method as claimed in claim 11, wherein said hand held terminal device is a hand held cellular phone having its information read function.~~

13. An information processing method as claimed in claim 10, wherein there is used a hand held terminal device comprising: at least an optical sensor for reading information associated with the article from a monochrome bar code or a two-dimensional code provided at said information providing medium; and non-volatile storage means for storing information read from said optical sensor.

14. An information processing method as claimed in claim 10, wherein there is used a hand held terminal device comprising: at least a magnetic sensor for reading information associated with the article from a magnetic information sheet provided at

said information providing medium; and non-volatile storage medium for storing information read from said magnetic sensor.

15. An information processing method as claimed in claim 10, wherein an electronic advertising system applied to an advertising material concerning said article is constructed, the electronic advertising system providing the electronic information content associated with said advertising material.

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associated with said food.

19. An information processing method as claimed in claim 10, wherein a recording medium information providing system applied to a recording medium concerning said entity is constructed, the recording medium information providing system providing the electronic information content associated with said recording medium.

add.
fig.
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